

Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID:SSPTABEM1624

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

***** Welcome to STN International *****

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 DEC 01 ChemPort single article sales feature unavailable
NEWS 3 JAN 06 The retention policy for unread STNmail messages
will change in 2009 for STN-Columbus and STN-Tokyo
NEWS 4 JAN 07 WPIDS, WPINDEX, and WPIX enhanced Japanese Patent
Classification Data
NEWS 5 FEB 02 Simultaneous left and right truncation (SLART) added
for CERAB, COMPUAB, ELCOM, and SOLIDSTATE
NEWS 6 FEB 02 GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS 7 FEB 06 Patent sequence location (PSL) data added to USGENE
NEWS 8 FEB 10 COMPENDEX reloaded and enhanced
NEWS 9 FEB 11 WTEXTILES reloaded and enhanced
NEWS 10 FEB 19 New patent-examiner citations in 300,000 CA/CAPLUS
patent records provide insights into related prior
art
NEWS 11 FEB 19 Increase the precision of your patent queries -- use
terms from the IPC Thesaurus, Version 2009.01
NEWS 12 FEB 23 Several formats for image display and print options
discontinued in USPATFULL and USPAT2
NEWS 13 FEB 23 MEDLINE now offers more precise author group fields
and 2009 MeSH terms
NEWS 14 FEB 23 TOXCENTER updates mirror those of MEDLINE - more
precise author group fields and 2009 MeSH terms
NEWS 15 FEB 23 Three million new patent records blast AEROSPACE into
STN patent clusters
NEWS 16 FEB 25 USGENE enhanced with patent family and legal status
display data from INPADOCDB
NEWS 17 MAR 06 INPADOCDB and INPAFAMDB enhanced with new display
formats
NEWS 18 MAR 11 EPFULL backfile enhanced with additional full-text
applications and grants
NEWS 19 MAR 11 ESBIOBASE reloaded and enhanced
NEWS 20 MAR 20 CAS databases on STN enhanced with new super role
for nanomaterial substances
NEWS 21 MAR 23 CA/CAPLUS enhanced with more than 250,000 patent
equivalents from China
NEWS 22 MAR 30 IMSPATENTS reloaded and enhanced
NEWS 23 APR 03 CAS coverage of exemplified prophetic substances
enhanced

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN customer agreement. This agreement limits use to scientific research. Use for software development or design, implementation of commercial gateways, or use of CAS and STN data in the building of commercial products is prohibited and may result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:39:41 ON 07 APR 2009

=> fil reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.22	0.22

FILE 'REGISTRY' ENTERED AT 15:39:51 ON 07 APR 2009
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2009 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 6 APR 2009 HIGHEST RN 1132745-38-0
DICTIONARY FILE UPDATES: 6 APR 2009 HIGHEST RN 1132745-38-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

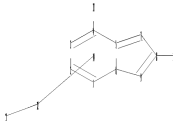
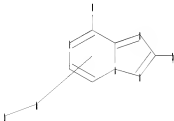
TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=>
Uploading C:\Program Files\STNEXP\Queries\10552305newest.str



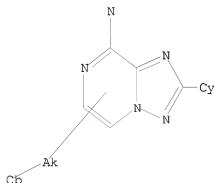
chain nodes :
11 12 13 15
ring nodes :
1 2 3 4 5 6 7 8 9
chain bonds :

4-11 8-15 12-13
 ring bonds :
 1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9
 exact/norm bonds :
 1-2 1-6 2-3 3-4 4-5 4-11 5-6 5-7 6-9 7-8 8-9 8-15 12-13
 isolated ring systems :
 containing 1 :

Match level :
 1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 11:CLASS
 12:CLASS 13:Atom 14:CLASS 15:Atom
 Generic attributes :
 13:
 Saturation : Saturated
 Type of Ring System : Monocyclic

L1 STRUCTURE UPLOADED

=> d l1
 L1 HAS NO ANSWERS
 L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1
 SAMPLE SEARCH INITIATED 15:40:07 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 543 TO ITERATE
 100.0% PROCESSED 543 ITERATIONS 2 ANSWERS
 SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 9462 TO 12258
 PROJECTED ANSWERS: 2 TO 124

L2 2 SEA SSS SAM L1

=> s l1 sss full
 FULL SEARCH INITIATED 15:40:11 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 10474 TO ITERATE

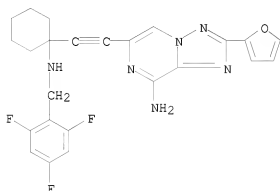
100.0% PROCESSED 10474 ITERATIONS
SEARCH TIME: 00.00.01

10 ANSWERS

L3 10 SEA \$\$\$ FUL L1

=> d scan

L3 10 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN [1,2,4]Triazolo[1,5-a]pyrazin-8-amine,
2-(2-furanyl)-6-[2-[1-[(2,4,6-
trifluorophenyl)methyl]amino]cyclohexyl]ethynyl]-
MF C24 H21 F3 N6 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> fil cap

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

185.88

186.10

FILE 'CAPLUS' ENTERED AT 15:40:22 ON 07 APR 2009

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 7 Apr 2009 VOL 150 ISS 15

FILE LAST UPDATED: 6 Apr 2009 (20090406/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d his

(FILE 'HOME' ENTERED AT 15:39:41 ON 07 APR 2009)

FILE 'REGISTRY' ENTERED AT 15:39:51 ON 07 APR 2009

L1 STRUCTURE UPLOADED

L2 2 S L1

L3 10 S L1 SSS FULL

FILE 'CAPLUS' ENTERED AT 15:40:22 ON 07 APR 2009

=> s l3

L4 2 L3

=> d 1-2 ibib abs hitstr

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:74649 CAPLUS

DOCUMENT NUMBER: 142:298062

TITLE: Synthesis of alkyne derivatives of a novel triazolopyrazine as A2A adenosine receptor antagonists
AUTHOR(S): Yao, Gang; Haque, Serajul; Sha, Li; Kumaravel, Gnanasambandam; Wang, Joy; Engber, Thomas M.; Whalley, Eric T.; Conlon, Patrick R.; Chang, Hexi; Kiesman, William F.; Petter, Russell C.

CORPORATE SOURCE: Departments of Medicinal Chemistry and Pharmacology, Biogen Idec, Cambridge, MA, 02142, USA

SOURCE: Bioorganic & Medicinal Chemistry Letters (2005), 15(3), 511-515

CODEN: BMCLE8; ISSN: 0960-894X

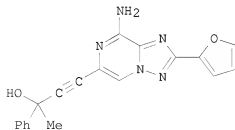
PUBLISHER: Elsevier B.V.

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 142:298062

GI



I

AB A [1,2,4]triazolo[1,5-a]pyrazine core was synthesized and coupled with terminal acetylenes. The structure-activity relationship of the alkynes, e.g., 1, from this template was studied for their in vitro and in vivo

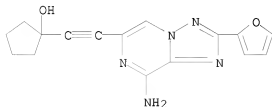
adenosine A2A receptor antagonism. Selected compds. from this series were shown to have potent in vitro and in vivo activities against adenosine A2A receptor. I was found to be orally active at 3 mg/kg in both a mouse catalepsy model and a 6-hydroxydopamine-lesioned rat model.

IT 785049-27-6P 785049-29-8P

RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation, A2A adenosine receptor affinity, Parkinson's disease efficacy, and SAR of alkynyltriazolopyridazines via Sonogashira coupling of amino(furanyl)bromotriazolopyridazine with alkynes)

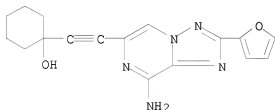
RN 785049-27-6 CAPLUS

CN Cyclopentanol, 1-[2-[8-amino-2-(2-furanyl)[1,2,4]triazolo[1,5-a]pyrazin-6-yl]ethynyl]- (CA INDEX NAME)



RN 785049-29-8 CAPLUS

CN Cyclohexanol, 1-[2-[8-amino-2-(2-furanyl)[1,2,4]triazolo[1,5-a]pyrazin-6-yl]ethynyl]- (CA INDEX NAME)

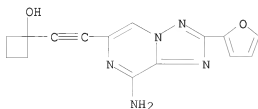


IT 785049-26-5P 785049-37-8P 785049-51-6P

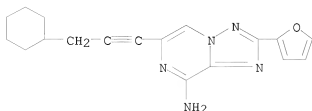
RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation, A2A adenosine receptor affinity, and SAR of alkynyltriazolopyridazines via amination of aminodibromopyrazine with carbamate followed by condensation with furancarboxaldehyde, cyclization, and Sonogashira coupling with alkynes)

RN 785049-26-5 CAPLUS

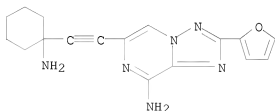
CN Cyclobutanol, 1-[2-[8-amino-2-(2-furanyl)[1,2,4]triazolo[1,5-a]pyrazin-6-yl]ethynyl]- (CA INDEX NAME)



RN 785049-37-8 CAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrazin-8-amine,
 6-(3-cyclohexyl-1-propyn-1-yl)-2-(2-furanyl)- (CA INDEX NAME)



RN 785049-51-6 CAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrazin-8-amine,
 6-[2-(1-aminocyclohexyl)ethynyl]-2-(2-furanyl)- (CA INDEX NAME)



REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:902386 CAPLUS

DOCUMENT NUMBER: 141:395583

TITLE: Preparation of triazolopyrazines as A2a adenosine
 receptor antagonists for the treatment of Parkinson's
 disease

INVENTOR(S): Dowling, James; Yao, Gang; Chang, Hexi; Peng, Hairuo;
 Vessels, Jeffrey; Petter, Russell C.; Kumaravel,
 Gnanasambandam

PATENT ASSIGNEE(S): Biogen Idec Ma Inc., USA

SOURCE: PCT Int. Appl., 100 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

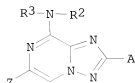
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

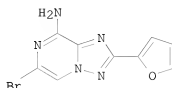
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004092177	A1	20041028	WO 2004-US11006	20040409
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SJ, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,			

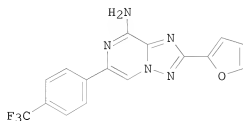
SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,
 TD, TG
 EP 1615931 A1 20060118 EP 2004-759356 20040409
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR
 US 20070010520 A1 20070111 US 2006-552305 20060829
 PRIORITY APPLN. INFO.: US 2003-461546P P 20030409
 WO 2004-US11006 W 20040409
 OTHER SOURCE(S): CASREACT 141:395583; MARPAT 141:395583
 GI



I



II

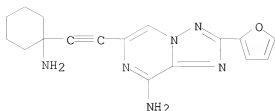


III

AB Title compds. I [A = aryl, heteroaryl; R2, R3 = H, alkyl, cycloalkyl, etc.; Z = -X1-L-X2-Y-X3-R1; X1, X2, X3 = bond, alkylene, alkenylene, etc.; L = bond or cyclic-linker] and their pharmaceutically acceptable salts and N-oxides were prepared For example, coupling of 4-trifluoromethylphenylboronic acid and bromophenyl II, e.g., prepared from furan-2-carbonitrile in 3-steps, afforded claimed triazolopyrazine III. In A2a adenosine receptor binding assays, compds. I exhibited Ki values less than 10 μ M. Compds. I are claimed useful for the treatment of Parkinson's disease.

IT 785049-51-6P
 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
 (preparation of triazolopyrazines as A2a adenosine receptor antagonists for the treatment of Parkinson's disease)

RN 785049-51-6 CAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrazin-8-amine,
 6-[2-(1-aminocyclohexyl)ethynyl]-2-(2-furanyl)- (CA INDEX NAME)



IT 785049-20-9P 785049-26-5P 785049-27-6P

785049-28-7P 785049-29-8P 785049-34-5P

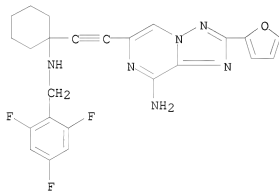
785049-35-6P 785049-37-8P 785049-38-9P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of triazolopyrazines as A2a adenosine receptor antagonists for the treatment of Parkinson's disease)

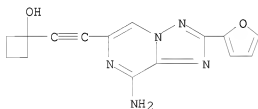
RN 785049-20-9 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrazin-8-amine,
2-(2-furanyl)-6-[2-[1-[(2,4,6-trifluorophenyl)methylamino]cyclohexyl]ethynyl]- (CA INDEX NAME)



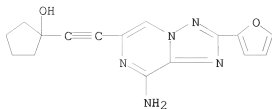
RN 785049-26-5 CAPLUS

CN Cyclobutanol, 1-[2-[8-amino-2-(2-furanyl)[1,2,4]triazolo[1,5-a]pyrazin-6-yl]ethynyl]- (CA INDEX NAME)



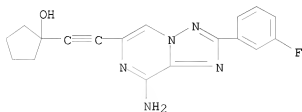
RN 785049-27-6 CAPLUS

CN Cyclopentanol, 1-[2-[8-amino-2-(2-furanyl)[1,2,4]triazolo[1,5-a]pyrazin-6-yl]ethynyl]- (CA INDEX NAME)



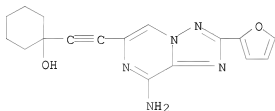
RN 785049-28-7 CAPLUS

CN Cyclopentanol, 1-[2-[8-amino-2-(3-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrazin-6-yl]ethynyl]- (CA INDEX NAME)



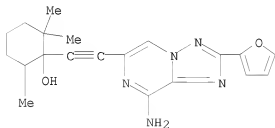
RN 785049-29-8 CAPLUS

CN Cyclohexanol, 1-[2-[8-amino-2-(2-furanyl)[1,2,4]triazolo[1,5-a]pyrazin-6-yl]ethynyl]- (CA INDEX NAME)



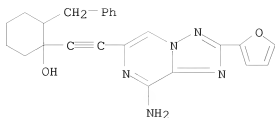
RN 785049-34-5 CAPLUS

CN Cyclohexanol, 1-[2-[8-amino-2-(2-furanyl)[1,2,4]triazolo[1,5-a]pyrazin-6-yl]ethynyl]-2,2,6-trimethyl- (CA INDEX NAME)

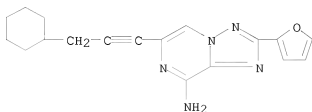


RN 785049-35-6 CAPLUS

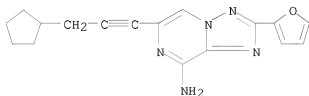
CN Cyclohexanol, 1-[2-[8-amino-2-(2-furanyl)[1,2,4]triazolo[1,5-a]pyrazin-6-yl]ethynyl]-2-(phenylmethyl)- (CA INDEX NAME)



RN 785049-37-8 CAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrazin-8-amine,
 6-(3-cyclohexyl-1-propyn-1-yl)-2-(2-furanyl)- (CA INDEX NAME)



RN 785049-38-9 CAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrazin-8-amine,
 6-(3-cyclopentyl-1-propyn-1-yl)-2-(2-furanyl)- (CA INDEX NAME)



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> fil stnguide		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	11.78	197.88
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-1.64	-1.64

FILE 'STNGUIDE' ENTERED AT 15:40:52 ON 07 APR 2009
 USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
 COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

FILE CONTAINS CURRENT INFORMATION.
 LAST RELOADED: Apr 3, 2009 (20090403/UP).

=> logoff
 ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
 LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	198.09
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-1.64

STN INTERNATIONAL LOGOFF AT 15:42:33 ON 07 APR 2009